

BIG EZ SPECIFICATIONS

STANDARD FEATURES

Aggregate

- 170 tons heaped capacity agg storage, 3 or 4 compartments
- 550 cubic ft aggregate batcher with 60,000 lb scales
- 2" piston vibrator mounted on aggregate batcher
- 30" x 41' conveyor with 15 hp TEFC motor

Cement

- (2) 622/518 bbl (2488 cubic ft) cement silos
- Ladder with safety cage to top of silos
- Handrails around top of silos
- 120 cubic ft cement batcher with 12,000 lb scales
- 12" x 12' screw conveyor

Water

- 2" Water meter with piping to grade

Maintenance Platforms

- Walkways on both sides of conveyor
- Walkways on both sides of bin gates
- Service platform at conveyor head section
- Service platform at cement batcher discharge
- Service platform at silo gates
- Service platform screw conveyor

Prewiring

- 200 amp 460 volt main service with 30 amp 110v service prewiring

OPTIONAL FEATURES

Aggregate

- 220 ton, 250 ton, or 295 ton aggregate storage
- AR liner in aggregate batcher
- AR liner in aggregate bin
- 36" x 41' conveyor with 20 hp TEFC motor

Cement

- 745/621 bbl silo, 1 or 2 compartments
- 971/809 bbl silo, 1 or 2 compartments
- 1198/998 bbl silo, 1 or 2 compartments
- 14" x 12' screw conveyor
- Central dust collection with internal ductwork
- Cantilevered platform for central dust collector
- Filter vents for silos and cement batchers
- Low pressure air system for silo aeration

Water

- 3" Water meter with piping to grade
- 480 gallon water holding hopper with a float controlled 3" butterfly inlet valve and 6" butterfly valve discharge
- 480 gallon water batcher suspended on load cells with 6" butterfly valve discharge

Prewiring

- 400 amp main service
- Air compressor



MERTS

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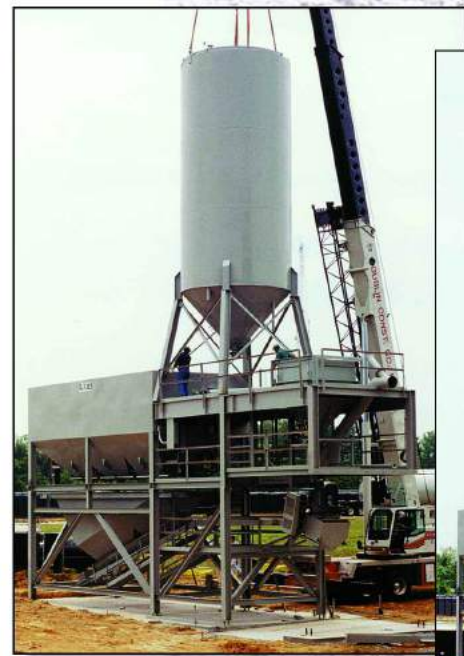
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One day... the **Big EZ**



9:30 AM



3:30 PM



It's Big...

- Aggregate storage – 104 cubic yds (170 tons heaped) up to 229 cubic yds (295 tons heaped), three or four compartments
- Cement storage – up to 2396 bbl (9584 cubic ft) and four compartments
- 14' of truck clearance with the plant anchored to a slab without piers or steel column extensions
- 30" or 36" truck charging belts
- 550 cubic foot aggregate batcher
- 120 cubic ft cement batcher

It's Easy...

- The plant is built in four main pieces for fast erection
- The aggregate bin is welded solid inside and out eliminating the need to bolt the bin sides and partitions together at erection. Solid welded joints also do not let rust form between the joined plates
- There are walkways at connection points for easy erection and for maintenance after the plant is in use
- All motors and controls are prewired in rigid conduit to a central location for convenient hookup
- All cylinders and valves are preplumbed for air
- The water meter or optional weighed water are preplumbed with schedule 40 pipe
- All load cells are prewired to summing boxes mounted in the controls area



- Plant junction box
- Main disconnect
- Motor starter panel
- Transformer
- Load center
- Valve bank
- Load cell junction boxes



- Head section of truck charging conveyor with access to motor, reducer, bearings, and drive belts



- Truck charging area
- Cement batcher
- Water meter
- Dust tubes for truck shroud
- Valve bank for cement batcher, water meter and truck shroud



- Wiring in rigid conduit
- Air plumbed in 3/4 galvanized pipe
- Lower walkway along bin gates



- The central dust collection tubing preinstalled at the factory
- 14" 10 ga tubing for the truck shroud
- 8" 10 ga tubing for the return from the silos
- 3" schedule 40 pipe return line into the flyash silo
- Top deck to service cement batcher, screw, silo valves and aeration
- Ladder to top of silos



- Top 3" pipe is for water
- Bottom 3" pipe returns dust to silo

Designed for your safety and convenience